IN THE SPECIFICATION

Please amend the paragraph beginning at page 2, line 14 as follows:

The terminal apparatus 8 (TE – A) communicates with the terminal apparatus 6 (TE – C) by a bearer service. The mobile station 1 and the base station 2 use a wireless channel (for example ~~1~~ m1). In this state, when a new bearer service is required between the terminal apparatus 9 (TE – B) and the terminal apparatus 7 (TE – D), if a wireless channel (for example ~~2~~ m2) which can accommodate bearer services for two channels is available, the base station control apparatus 3 releases the wireless channel ~~1~~ m1 which is already used and instructs the mobile station 1 and the base station 2 to use the wireless channel ~~2~~ m2. Thus, the base station control apparatus 3 time-division multiplexes (bearer integrates) each bearer service for downward transmission and the mobile station 1 time-multiplexes each bearer service for upward transmission. Then, communication is carried out by using the wireless channel ~~2~~ m2. When the base station control apparatus 3 cannot keep the wireless channel ~~2~~ m2, it keeps a wireless channel (for example ~~3~~ m3) which is available at the time and instructs the mobile station 1 and the base station 2 to use the wireless channels ~~1~~ m1 and ~~3~~ m3 for providing the bearer service between the terminal apparatus 9 (TE – B) and the terminal apparatus 7 (TE – D). After that, when the wireless channel ~~2~~ m2 becomes available, the wireless channels ~~1~~ m1 and ~~3~~ m3 are released and the base station control apparatus 3 instructs the mobile station 1 and the base station 2 to use the wireless channel ~~2~~ m2.

Please amend the paragraphs beginning at page 7, line 8 as follows:

In Fig. 4, processing ~~routs~~ routes for bearer services before bearer integration are shown with solid line arrows. In the send processing part 10, input bearer services (1) and (2) are spread into wireless channels m1 and m2 of the same frame timing by spreading codes of spreading modulation parts 16a and 16b respectively. After that, the wireless channel multiplexing part 24 multiplexes the wireless channels into wireless signals of the same frequency. Then, the wireless signals are sent. In the receive processing part 30 which receives the wireless signals, the wireless channel demultiplexing part 43 demultiplexes the multiplexed wireless signals into the wireless channels m1 and m2 and ~~input~~ inputs the channels to the wireless channel processing ~~part~~ parts 30a and 30b respectively. Then, the wireless channels m1 and m2 are demodulated by spreading codes of the RAKE receive parts 36a and 36b respectively. Then, the bearer services (1) and (2) are output.

Processing ~~routs~~ routes for bearer services when bearer integration is performed are shown with dotted line arrows in Fig. 4. When bearer integration is requested in the above-mentioned state, the bearer multiplexing part 23 starts time-division multiplexing for the bearer services 91), (2) with frame timing which is predetermined between the bearer multiplexing part 23 and the receive processing part 30. At the same time, a wireless channel m3 is set in the symbol repeating part 14b and the spreading modulation part 16b. After that, multiplexed data which is multiplexed by the bearer multiplexing part 23 is sent by the wireless channel m3 which has the same frame timing. In the receive processing part 30 which receives the wireless channel m3, the RAKE receive part 36b and the symbol extracting part 38b are set for the wireless channel m3 in synchronization with the frame timing which is predetermined between the receive processing part 20 and the send processing part 10. At the same time, the bearer demultiplexing part 44 starts to demultiplex the bearer service. Accordingly, the bearer services

(1) and (2) provided by the wireless channels m1 and m2 are integrated into the bearer services (1) and (2) provided by the wireless channel m3 without instantaneous interruption.

Please amend the paragraph beginning at page 20, line 14 as follows:

In the following, the configuration shown in Fig. 6 will be described. Fig. 6 shows a configuration for understanding the present invention easily, and this figure ~~is~~ does not limit the scope of the present invention. In addition, Fig. 6 shows a case in which one kind and one system of delay allocation is available for each bearer service between the sending side and the receiving side.

Please amend the paragraph beginning at page 21, line 37 as follows:

Fig. 9 shows a block diagram of a part of a mobile communication system according to a first embodiment of the present invention. According to the configuration shown in Fig. 9, control of delay allocation of one frame period T in total is shared between the sending side and the receiving side. In addition, this figure shows a case in which bearer integration is possible from bearer services having a small frame offset to a bearer service having the same or a larger frame offset. The whole configuration of the mobile communication system may be the same as that shown in Fig. 1. In Fig. 9, the part (~~rout~~ route) relating to bearer integration control is arranged such that it is easy to understand. The techniques described with reference to Fig. 2 and 4 can be used for detailed configurations for each part.